

Figure 1

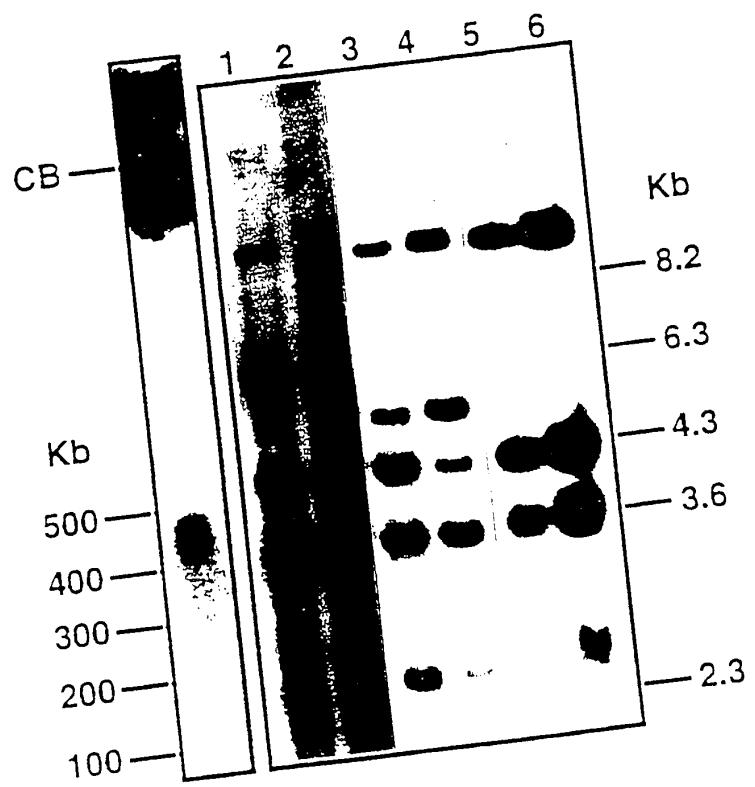


Figure 2

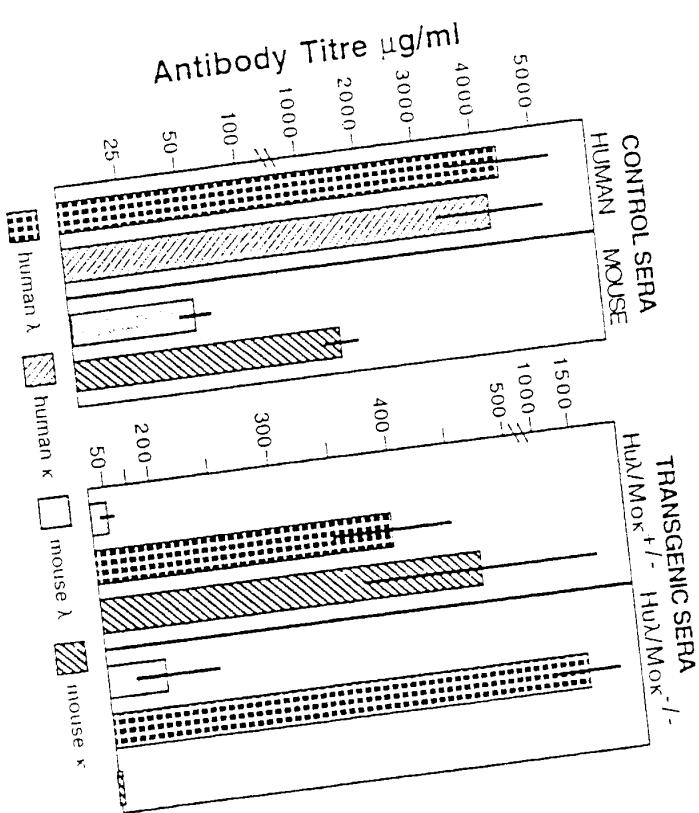


Figure 3

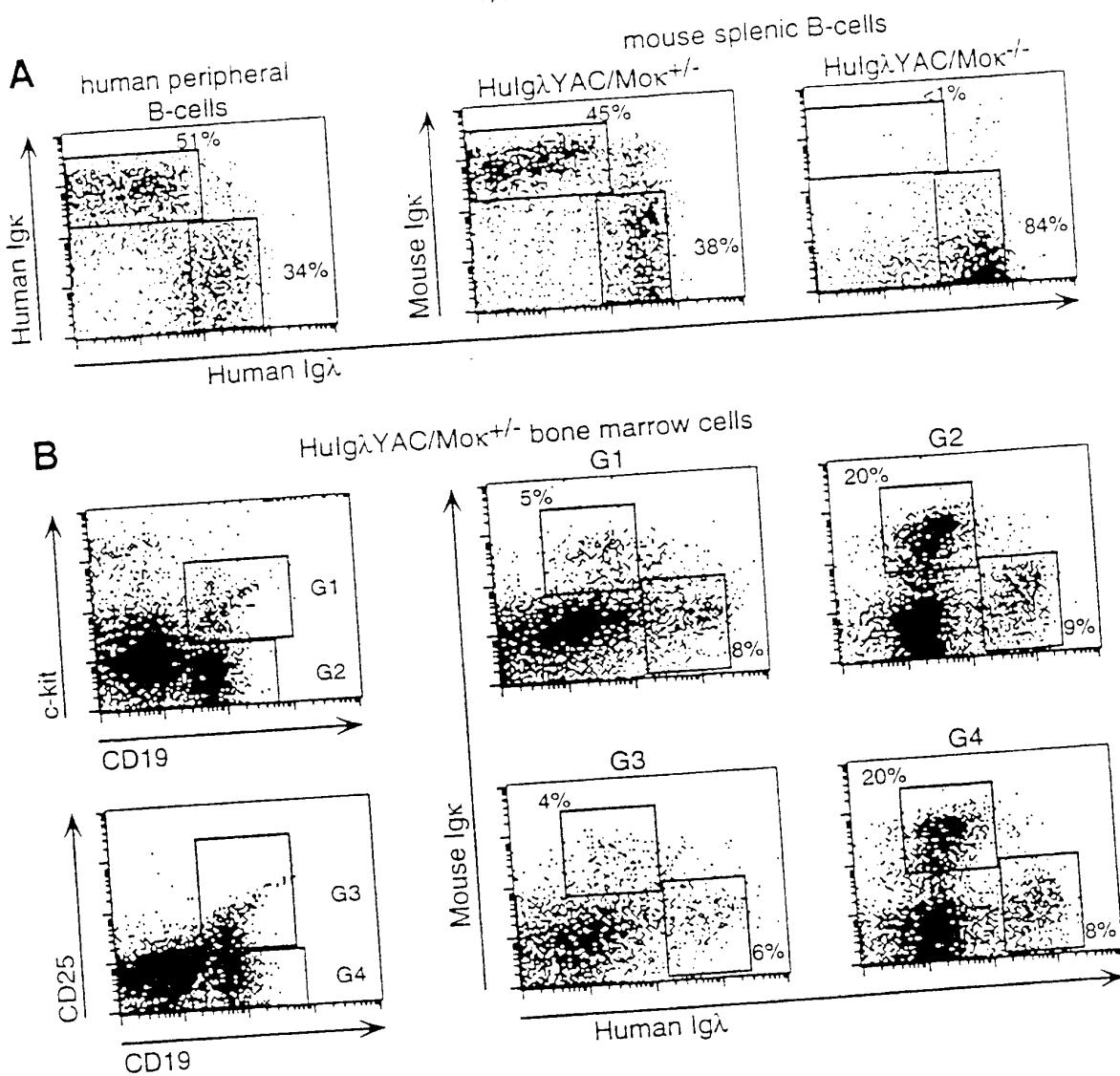


Figure 4

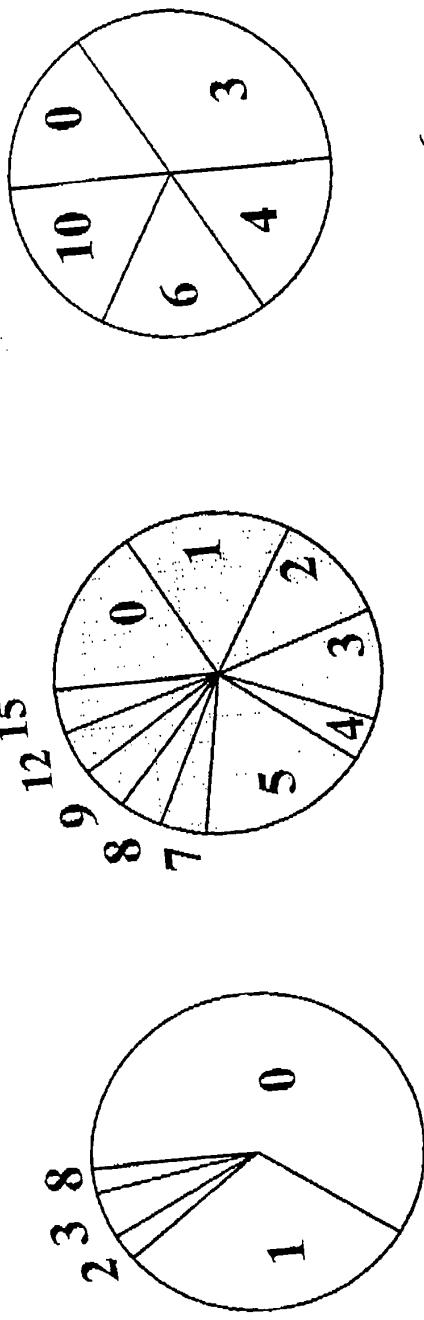
FIGURE 5

FIGURE 5  
190 TGT GTC TCC TCA GAC  
185 TGT GTC TCC TCA GAC TAC  
180 TGT GTC TCC TCA GAC TAC TAC  
175 TGT GTC TCC TCA GAC TAC TAC TAC  
170 TGT GTC TCC TCA GAC TAC TAC TAC TAC  
165 TGT GTC TCC TCA GAC TAC TAC TAC TAC TAC  
160 TGT GTC TCC TCA GAC TAC TAC TAC TAC TAC  
155 TGT GTC TCC TCA GAC TAC TAC TAC TAC TAC TAC  
150 TGT GTC TCC TCA GAC TAC TAC TAC TAC TAC TAC  
145 TGT GTC TCC TCA GAC TAC TAC TAC TAC TAC TAC TAC  
140 TGT GTC TCC TCA GAC TAC TAC TAC TAC TAC TAC TAC  
135 TGT GTC TCC TCA GAC TAC TAC TAC TAC TAC TAC TAC TAC  
130 TGT GTC TCC TCA GAC TAC TAC TAC TAC TAC TAC TAC TAC  
125 TGT GTC TCC TCA GAC TAC TAC TAC TAC TAC TAC TAC TAC TAC  
120 TGT GTC TCC TCA GAC TAC TAC TAC TAC TAC TAC TAC TAC TAC  
115 TGT GTC TCC TCA GAC TAC TAC TAC TAC TAC TAC TAC TAC TAC  
110 TGT GTC TCC TCA GAC TAC TAC TAC TAC TAC TAC TAC TAC TAC  
105 TGT GTC TCC TCA GAC TAC TAC TAC TAC TAC TAC TAC TAC TAC  
100 TGT GTC TCC TCA GAC TAC TAC TAC TAC TAC TAC TAC TAC TAC  
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85 TGT GTC TCC TCA GAC TAC TAC TAC TAC TAC TAC TAC TAC TAC  
80 TGT GTC TCC TCA GAC TAC TAC TAC TAC TAC TAC TAC TAC TAC  
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70 TGT GTC TCC TCA GAC TAC TAC TAC TAC TAC TAC TAC TAC TAC  
65 TGT GTC TCC TCA GAC TAC TAC TAC TAC TAC TAC TAC TAC TAC  
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25 TGT GTC TCC TCA GAC TAC TAC TAC TAC TAC TAC TAC TAC TAC  
20 TGT GTC TCC TCA GAC TAC TAC TAC TAC TAC TAC TAC TAC TAC  
15 TGT GTC TCC TCA GAC TAC TAC TAC TAC TAC TAC TAC TAC TAC  
10 TGT GTC TCC TCA GAC TAC TAC TAC TAC TAC TAC TAC TAC TAC  
5 TGT GTC TCC TCA GAC TAC TAC TAC TAC TAC TAC TAC TAC TAC  
0 TGT GTC TCC TCA GAC TAC TAC TAC TAC TAC TAC TAC TAC TAC

Figure 6

### Somatic hypermutation in translocus V genes

No of Mutations



Total  
analysed

19

6

Lambda chain

Kappa chain

Heavy chain

Figure 7

# Human antibody responses in 5-feature (H, $\kappa$ , $\lambda$ ) Translocus mice

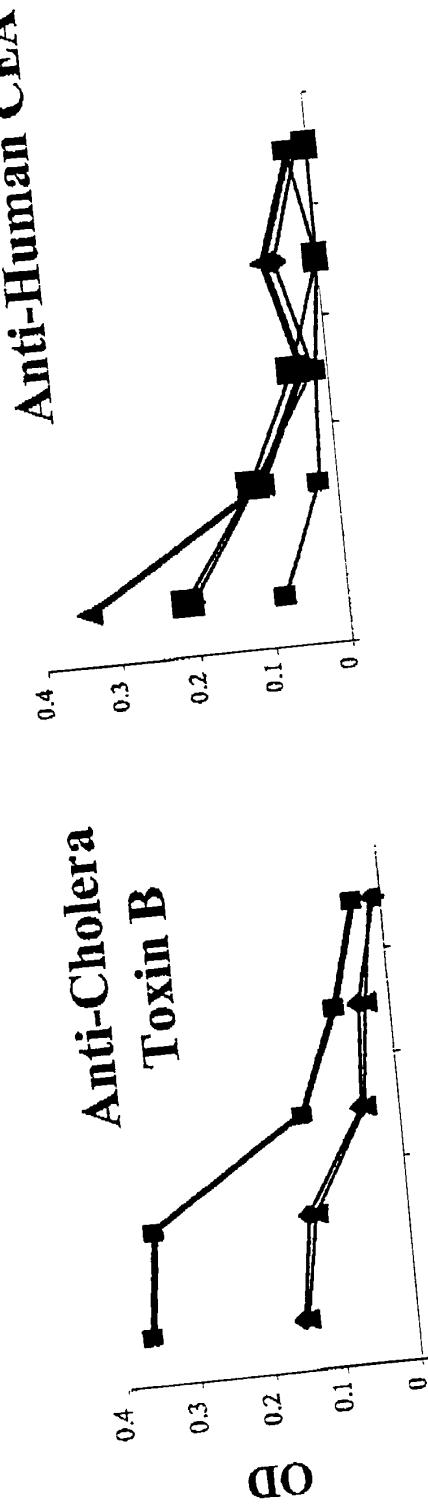
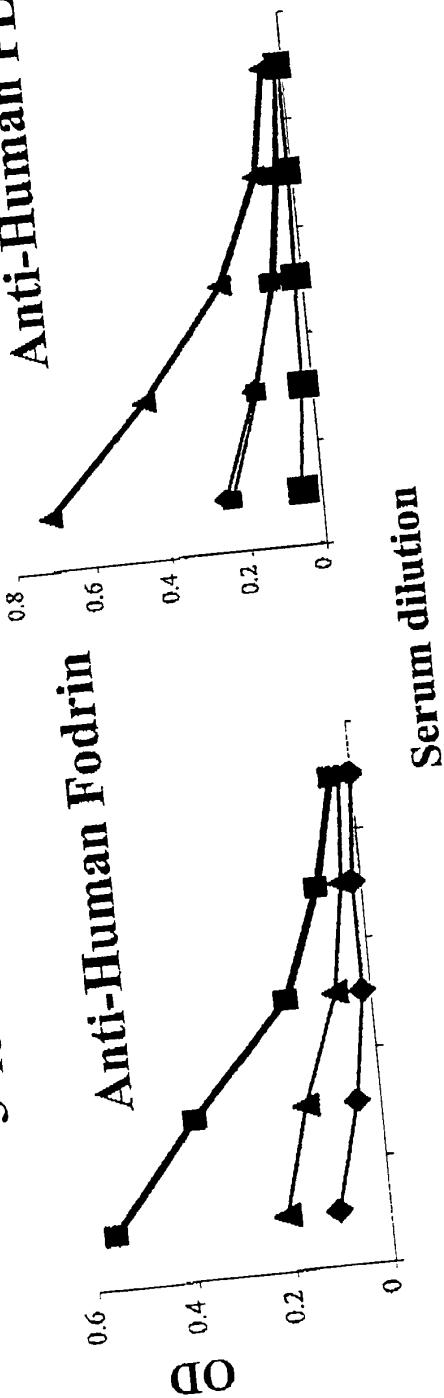


Figure 8

A human IgM,λ monoclonal anti-human PLAP  
7783.26 from a 5-feature translocus mouse

Inhibition by free PLAP

PLAP binding curve

